

ABSTRACT OF THE DISCLOSURE

When transmitting an RF signal for power supply or a pulse signal for data transmission, amplification is made in such a manner that the peak power of the RF signal becomes greater than the peak power of the pulse signal. Thus transmitting the RF signal with the greater peak power enables charging of a capacitor 23 of noncontact wireless communication equipment 2 even if the distance to the noncontact wireless communication equipment 2 is long.